

AMENDMENTS TO THE CLAIMS

- 541101
1. (Currently amended) An article tracking device, further comprising:
- the beacon a transmitter;
- means to detect when the beacon transmitter is moved beyond the a preselected area; and
- means to automatically activate the beacon transmitter when it is moved beyond the predetermined location area;
- whereby the beacon transmitter will automatically activate and transmit position location information when it is moved outside of a preselected area.
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2. (Currently amended) A device, as in claim 1, where an wherein:
- the device is a flexible device and sized to fit within a stack of currency.
3. (Currently amended) A device, as in claim 1, further comprising:
- a GPS receiver having means to determine from its GPS location from GPS satellite data the position of the device;
- means to transmit the its GPS location data to a tracking station.

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4. (New) A device, as in claim 2, wherein:
- the device is waterproof.

5. (New) A device, as in claim 3, further comprising:

an antenna for transmitting data from the device;

means to output GPS satellite data received by the GPS receiver to the antenna; and

a battery power supply for supplying power to the device.

6. (New) A device, as in claim 5, further comprising:

programmable processing means to control activation of the device and transmission of GPS data.

A2 7. (New) A device, as in claim 1, wherein:

the beacon transmitter is a transponder; and

the transponder transmits data in response signals from remote tracking locations.

8. (New) A device, as in claim 7, wherein:

the transponder has means to receive on a first preselected frequency and transmit on a second preselected frequency.

9. (New) A currency theft tracking device, further comprising:

a transmitter which may be activated locally or remotely, the transmitter sized such that it is hidable within a stack of currency, or sized such that it can be placed within a wrapper used to secure a stack of currency, or sized such that it is conceivable within a currency bag; and

means to automatically activate the transmitter when it is moved beyond a preselected area;

whereby the transmitter will transmit location information when it is moved outside of a preselected area.

10. (New) A device, as in claim 9, wherein:

the transmitter transmits a homing beacon when activated.

11. (New) A device, as in claim 9, further comprising:

a GPS receiver for receiving GPS location data; and

means to transmit GPS location data via the transmitter.

12. (New) A device, as in claim 9, further comprising:

a cellular telephone transceiver;

means to transmit that GPS location data via the cellular telephone transceiver.

13. (New) A device, as in claim 10, wherein:

the location of the transmitter is remotely determined by a TDOA network.

14. (New) A method of tracking the location of stolen articles, including the steps of:

automatically determining when an article has moved outside of a predetermined area; and

transmitting data to a remote location to indicate location of the article.

15. (New) A method, as in claim 14, including the additional step of:

concealing the transmitter within a stack of currency or concealed within the wrapper securing the stack of currency together, or concealed within a bag holding the currency, such that when the currency is stolen, the transmitter transmits information related to the location of the currency.

A2 16. (New) A method, as in claim 15, including the additional steps of:

using GPS satellite data to generate location data which identifies the location of the article; and

transmitting the location of the article to a remote location.

17. (New) A method, as in claim 16, including the additional step of:

using a cell phone transceiver to communicate the location of the article via a cellular phone network.

18. (New) A method, as in claim 15, including the additional step of:

automatically initiating communication with police when the article has moved outside of a predetermined area.

19. (New) A method, as in claim 18, including the additional steps of:

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using GPS satellite data to generate location data which identifies the location of the article; and

transmitting the GPS data related to the location of the article to the police.

20. (New) A method, as in claim 15, including the additional steps of:

transmitting homing beacon indicating the location of the article; and

using mobile tracking units to determine the location of the article via triangulation techniques.
